

AC 44857

- (1) M.O.A.  
(2) Dr. Devlin  
Mr. Ref. 13  
(3) J.P.H.

COUNTY BOROUGH OF BLACKBURN.

EDUCATION COMMITTEE

ANNUAL REPORT

- upon -

The School Medical Service for  
the Year 1942.

PUBLIC HEALTH DEPARTMENT,  
Victoria Street,  
Blackburn.  
March, 1943.

Mr. Chairman, Ladies & Gentlemen;

I beg to submit my Report upon the work of the  
School Medical Department during the year 1942.

This Report, in accordance with instructions  
issued by the Board of Education and which you instructed me  
to follow, is again confined to essentials, comment being  
reduced to a minimum.

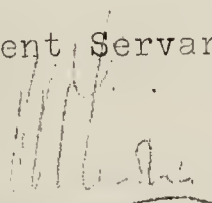
During the year Dr. Devlin relinquished her  
appointment and certain members of the clerical staff left  
on embodiment in His Majesty's Services. Despite these,  
and previous inroads upon your staff, the year closed with a  
clean sheet as regards arrears of routine work. That this  
was so was due to the keenness of the remaining staff and to the  
assistance received in the way of occasional part-time  
assistance from my colleagues in general practice who assisted,  
inter alia, with nutritional surveys and diphtheria immunisation.

It is once more my privilege to express appreciation  
of the unfailing courtesy and help accorded by the Education  
Committee.

I have the honour to be,

Mr. Chairman, Ladies and Gentlemen,

Your obedient Servant,

  
School Medical Officer.

	ENTRANTS		INTERMEDIATES.		LEAVERS		TOTAL		GRAND TOTAL
	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	
Number Examined	811	776	526	503	425	385	1762	1664	3426
Defect or Condition.	Percentage of Defects		Percentage of Defects		Percentage of Defects		Percentage of Defects		Percentage of Defects
Clothing	6.90	10.56	0.00	0.39	0.70	0.52	3.34	5.16	4.23
Footgear	0.00.	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Nutrition:--									
Sub-Normal	18.98	15.20	23.00	15.30	16.23	15.58	19.52	15.32	17.48
Bad.	0.24	0.38	0.38	0.20	0.00	0.00	0.22	0.24	0.23
Cleanliness:--									
Head	1.10	14.56	0.76	21.86	0.94	21.03	0.96	18.26	9.37
Body	0.73	1.67	0.19	1.00	0.23	0.26	0.45	1.14	0.78
Skin Diseases	0.73	0.64	1.90	0.79	2.58	1.30	1.53	0.84	1.19
Teeth:--									
1-3 bad	16.52	19.20	34.60	34.39	18.35	22.07	22.42	24.45	23.40
4 or more bad	16.52	18.94	9.12	7.55	7.76	3.11	12.20	11.83	12.02
Nose and Throat:--									
Enlarged Tonsils	37.10	35.18	63.87	67.39	52.00	39.74	48.69	46.00	47.37
Adenoids	0.86	0.51	0.19	0.20	0.47	0.00	0.56	0.30	0.43
Tonsils & Adenoids	2.96	3.86	2.66	2.38	1.88	0.00	2.61	2.52	2.53
Other Conditions	0.37	0.12	1.71	0.59	2.11	0.52	1.19	0.36	0.78
Enlarged Cervical Glands	18.24	16.23	16.35	12.52	11.05	17.40	15.94	15.38	15.67
External Eye Diseases:--									
Blepharitis	0.12	0.38	0.57	0.79	0.00	0.00	0.22	0.42	0.32
Conjunctivitis	0.00	0.00	0.38	0.00	0.00	0.00	0.11	0.00	0.05
Squint	2.34	3.22	1.52	1.19	0.94	1.30	1.76	2.16	1.95
Other diseases	0.12	0.51	0.00	0.00	0.23	0.26	0.11	0.30	0.20



## SCHOOL MEDICAL INSPECTIONS (continued)

Defect or Condition	ENTRANTS		INTERMEDIATES		LEAVERS		TOTAL		GRAND TOTAL.
	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	MALES	FEMALES	
	Percentage of Defects	Percentage of Defects	Percentage of Defects	Percentage of Defects	Percentage of Defects	Percentage of Defects	Percentage of Defects	Percentage of Defects	
Vision:- 6/12 -- 6/24 ) 6/36 and over)	0.61	0.25	5.51 0.57	6.75 1.00	3.76 1.17	5.98 1.30	4.93 0.84	6.42 1.01	5.67 0.88
Ear Diseases:- Otitis media Other conditions	0.49 0.12	0.77 0.12	0.76 0.19	0.79 0.20	0.47 0.00	1.30 0.52	0.56 0.17	0.84 0.24	0.70 0.20
Hearing Speech Mental Condition.	0.24 2.09 1.23	1.03 1.03 1.03	0.95 1.52 2.09	0.79 0.59 2.38	0.47 0.94 1.17	2.08 2.52 0.00	0.45 1.64 1.48	1.20 0.78 1.20	0.81 1.22 1.34
Tuberculosis:- Pulmonary Non Pulmonary	0.00 0.00	0.00 0.12	0.00 0.00	0.00 0.00	0.00 0.00	0.26 0.00	0.00 0.00	0.06 0.06	0.02 0.02
Rickets	1.60	1.03	4.00	4.17	2.82	3.11	2.61	2.46	2.54
Spinal Curvature	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.12	0.05
Other deformities	0.73	0.90	2.85	4.77	5.41	13.24	2.49	4.92	3.67
Infectious diseases	0.00	0.12	0.19	0.00	0.00	0.00	0.05	0.06	0.05
Heart Conditions:- Organic Functional	0.00 1.48	0.00 2.19.	0.57 3.42	0.40 4.77	0.94 4.47	1.30 10.13	0.39 2.78	0.42 4.80	0.40 3.76
Anaemia	5.42	3.60	5.32	5.96	5.17	17.40	5.33	7.51	6.39
Lung Conditions:- Bronchitis Other Conditions.	5.42 0.00	6.18 0.25	1.90 0.00	3.36 0.00	0.94 0.23	0.77 0.00	3.29 0.05	4.08 0.12	3.67 0.08
Nervous Diseases	0.37	0.25	0.57	1.00	1.17	0.00	0.62	0.42	0.52
Other Defects or Conditions	3.69	0.77	2.66	2.58	1.17	2.07	2.78	1.62	2.21.

# SCHOOL MEDICAL INSPECTIONS.

## SECONDARY SCHOOLS.

One hundred and twenty six males and 68 females were examined at the Grammar School and Girls' High School during the year.

## NUTRITION.

During the year 3,335 children received 484,914 school meals. Two hundred and fifty-eight children had 34,698 meals free, and 3,077 children received 450,216 meals on payment. A total of 2,877,892 bottles of milk were distributed through the milk in schools scheme. Of this amount 2,098 children received 546,287 bottles free and 2,331,605 bottles were shared amongst 3,640 children on payment.

Two hundred and twenty children were provided with 35,600 doses of Malt and Oil, and 11,843 doses of Iron Tonic.

One thousand one hundred and fifty-five children attending Secondary Schools received 181,499 bottles of milk on payment.

## UNCLEANLINESS.

The appended Tables give particulars of cleanliness findings of children examined at both Doctors' and Nurses' inspections. At neither inspection has there been any marked deterioration in the cleanliness figures over the past five years.

### Findings at ROUTINE INSPECTIONS by MEDICAL OFFICERS.

	No.Examined.	HEAD				BODY.		
		Nits or Vermin	Clean.	% Clean.	Dirty.	Flea bitten.	Clean.	% Clean
1942	3426	321	3105	90.6	6	14	3406	99.4
1941	3285	333	2952	89.8	8	-	3277	99.7
1940	3134	247	2887	92.1	18.	6.	3110	99.2
1939	2869	270	2599	91.1	12	8.	2849	99.3
1938	3369	369	3000	89.0	21	17	3331	98.8
1937	3439	488	2946	85.3	7	38	3394	98.7



Findings at SPECIAL CLEANLINESS Inspections by the SCHOOL NURSES.

	Number of Examinations.	Nits or Vermin.	Clean.	Percentage Clean.
1942	42,844	8602	34,242	79.9
1941	42,594	8720	33,874	79.5
1940	32,696	6223	26,473	80.9
1939	38,025	6627	31,398	82.5
1938	45,009	5905	39,104	84.6
1937	50,794	7611	43,183	85.0

CASES OF SCABIES TREATED AT CLINICS.

1942	556	1937	16
1941	144	1936	6
1940	56	1935	9
1939	44	1934	9
1938	68	1933	16

T R E A T M E N T.

CLINICS.

	<u>No. of cases treated.</u>	<u>Visits.</u>
Minor Ailments	3885	19,886
Inspection Clinic	815	1,243
Dental Clinic	4777	6,063
Remedial Exercises Clinic	730	4,418
Ophthalmic Clinic	854	1,098
Orthoptic Clinic	64	1,195
Ultra Violet Light Clinic	139	1,296
Orthopaedic Clinic	398	951

DENTAL INSPECTION AND TREATMENT.

Numbers inspected	9,162
Special inspections	1,775
	<u>10,937</u>
Number found to require treatment	6,513
" actually treated	4,777
" of attendances made for treatment	6,063
Half days devoted to Inspection	112
" " " Treatment	812
<u>Fillings:</u>	
Permanent Teeth	2,264
Temporary "	41
<u>Extractions:</u>	
Permanent "	1,289
Temporary "	5,858
Administration of General Anaesthetic	26
Other Operations	
Permanent Teeth	794
Temporary "	15

In addition to the above the Dental Surgeons held 43 sessions in connection with Maternity and Child Welfare, and 6 sessions in connection with Tuberculosis.

#### ORTHOPAEDIC CLINIC.

Three hundred and ninety-eight cases were dealt with during the year and made 951 attendances.

No. of Inspection Sessions	63	No. over school age	
" " Attendances	951	admitted.	6.
" " Patients attended	398	" referred for X-ray	40
" " School Age admitted	46	" " " special	
" " Under School Age		appliances	78
admitted	78	" admitted to Queen's	
" admitted to Blackburn		Park Hospital	24
Royal Infirmary.	1		

#### SOURCE OF CASES.

	On Register 31/12/41.	New Cases	Attendances.
SCHOOL MEDICAL INSPECTION	139	38	427
TUBERCULOSIS	35	9	113
MATERNITY & CHILD WELFARE	67	64	327
OTHER	27	19	84
TOTALS	268	130	951

#### REMEDIAL EXERCISES CLINIC.

Seven hundred and thirty cases were dealt with and made a total attendance of 4413.

#### ORTHOPTIC CLINIC.

No. of Sessions	249	No. of cases discharged	25
" " cases treated		" " " left school	1
during the year	64	" " " ceased to attend	5
No. of attendances	1195	" " " refused operation	-
" " new cases	23	" " occlusion cases	20
" " occlusion cases		" " attendances	149
transferred for			
exercises.	11.		

Twenty children were found to require occlusion, and of that number 11 were transferred for exercises on the Synoptophore.

Sixty-four children received corrective treatment by means of the Synoptophore, and made one thousand one hundred and ninety-five attendances. Twenty five of these were discharged, eight having had operative treatment in addition to exercises.

F O L L O W I N G   U P .

The School Nurses carried out the following work during the year:-

Visits to Schools:-

Cleanliness Inspections	531
Routine Inspections	261
Infectious disease enquiries.	2

Visits to Homes:-

Minor ailments and Routine Inspection defects	3643
Uncleanliness	125

Clinic Sessions attended:-

Minor ailments	613
Ophthalmic	82
Inspection Clinics	95
Other Clinics.	347

Cleanliness Inspections:-

Number of children inspected in School	42844
Individual children found unclean.	2150.

S P E C I A L   S C H O O L S   A N D   C L A S S E S .APPROVED SCHOOLS.

Thirty-nine children (26 boys and 13 girls) are inmates of Home Office Approved Schools.

RESIDENTIAL SCHOOLS.

Apart from Queen's Park Hospital Open Air School at which 14 children were in attendance at December 31st, twenty defective children have been accommodated in special Residential Schools. Three deaf and dumb children are in St. John's School, Boston Spa, and 9 deaf and dumb children are in the Royal Cross School, Preston. Three blind, 3 epileptic and 2 mental defective children have been placed in various other schools.

MYOPE CLASS.

During the year 3 children were admitted to, and 4 were discharged from, the Myope Class.

At the end of the year 14 children were on the class register.

BLACKAMoor OPEN AIR SCHOOL.

There were 215 cases on the register at the commencement of the year, and 51 new cases were admitted during the year and 53 were discharged. There were 213 cases attending at the end of the year. Twenty-one were discharged as fit, 26 left full time registered, 3 left town, and 3 left of own free will.

QUEEN'S PARK OPEN AIR SCHOOL.

During the year 80 Blackburn cases were admitted to the Queen's Park Hospital Residential Open Air School, in addition to 19 who were in residence at the end of 1941. Eighty-five children were discharged during the year, leaving 14 children in the School at the end of 1942.

Sixteen children, needing surgical treatment, were operated on by Mr. Briggs, the Consultant Surgeon to the School.



SPECIAL SPEECH CLASS.

There were 25 cases attending this class at the beginning of the year. Twenty-four cases were admitted and 21 discharged i.e. there were 28 in attendance at the end of the year.

ENURESIS.

Thirteen cases were attending the Special Class at the beginning of the year, 7 were admitted and 14 discharged, leaving 6 in attendance at the end of the year.

NURSERY CLASSES.

The nursery classes which now number 30 continue to be well attended. There are 1015 children on the rolls.

DIPHTHERIA IMMUNISATION.

During the year a highly successful diphtheria immunisation campaign was carried out, 2,462 school children being treated.

=====

ANNUAL RETURN.

to the

BOARD OF EDUCATION.

of MEDICAL INSPECTION AND TREATMENT

YEAR ENDED 31st DECEMBER, 1942.

=====

TABLE 1.MEDICAL INSPECTIONS OF CHILDREN ATTENDING PUBLIC ELEMENTARY SCHOOLS.A. ROUTINE MEDICAL INSPECTIONS.

(1) No. of Inspections in the prescribed Groups:

Entrants	1587
Second Age Group	1029
Third Age Group	810
TOTAL	3426

(2) No. of other Routine Inspections. NIL.

GRAND TOTAL. 3426

=====

B. OTHER INSPECTIONS.

No. of Special Inspections and Re-Inspections 11,551.

=====



TABLE II

## CLASSIFICATION OF THE NUTRITION OF CHILDREN INSPECTED DURING THE YEAR IN THE ROUTINE AGE GROUPS.

AGE GROUPS.	Number of children inspected.	A. (Excellent)		B. (Normal)		C. (Slightly subnormal)		D. (Bad)	
		No.	%	No.	%	No.	%	No.	%
Entrants	1587	32	2.02	1278	80.53	272	17.14	5	0.31
Second Age-Group.	1029	121	11.76	707	68.71	198	19.24	3	0.29
Third Age-Group.	810	123	15.18	558	68.89	129	15.93	-	-
Other Routine Inspections	-	-	-	-	-	-	-	-	-
TOTAL	3426	276	8.06	2543	74.23	599	17.48	8	0.23

N.B. A nutritional survey is being made at the present time, but the results will not be available for some time and will be included in the Report for 1943.

TABLE III.

Group 1. TREATMENT OF MINOR AILMENTS (excluding Uncleanliness, for which see Table V)

Total number of defects treated or under treatment during the year under the Authority's Scheme ... 2431

Group II TREATMENT OF DEFECTIVE VISION AND SQUINT

(excluding Minor Eye Defects treated as Minor Ailments - Group I)  
No. of Defects dealt with

ERRORS OF REFRACTION (Including squint)... 836

(Operations for Squint should be recorded separately in the School Medical Officer's Report)

Other defects or disease of the eyes (excluding those recorded in Group I) ... 18

TOTAL 854

Number of children for whom spectacles were

(a) Prescribed (On first examination) 279  
For change of glasses 263

(b) Obtained (On first examination) 270  
Privately 3

Group III. TREATMENT OF DEFECTS OF NOSE AND THROAT.Number of Defects.

Received Operative Treatment under the Authority's Scheme, in Clinic or Hospital. (1)	Received other forms of treatment. (2)	Total number treated. (3)
388	-	388

TABLE V.VERMINOUS CONDITIONS.

(i) Average number of visits per school made during the year by the School Nurses.	12
(ii) Total number of examinations of children in the Schools by the School Nurses.	42844
(iii) Number of individual children found unclean.	2150
(iv) Number of individual children cleansed under Section 87 (2) and (3) of the Education Acts, 1921.	NIL
(v) Number of cases in which legal proceedings were taken:-	
(a) Under the Education Act, 1921.	NIL
(b) Under School Attendance Byelaws	NIL

MENTALLY DEFECTIVE CHILDREN.

Total number of children notified during the year ended 31st December, 1942, by the Local Education Authority to the Local Mental Deficiency Authority, under the Mental Deficiency (Notification of Children) Regulations, 1928 ... .. 7

=====

Table of Dental Inspections and Treatment will be found on page 5.